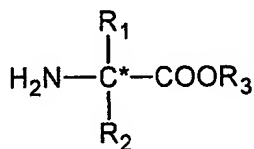


CLAIMS

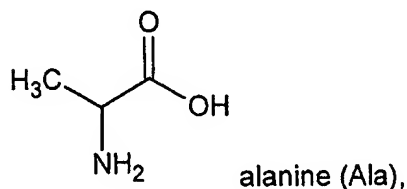
1. Use as a sag control agent in a coating composition of a rheology modification agent obtainable by reacting one or more polyisocyanates with one or more optically active amino acids, esters and/or salts thereof of the general formula

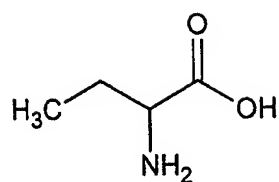


- (I) , not as racemic mixture, wherein each of R₁, R₂, and R₃ is independently selected from hydrogen and linear or branched, substituted or unsubstituted, saturated or unsaturated hydrocarbonyl or heteroatom containing group, with each of R₁ and R₂ being different such that the carbon atom C* is a chiral centre.

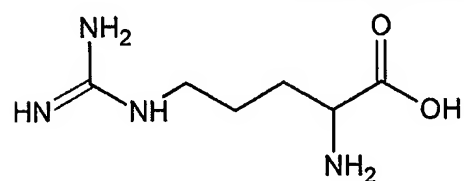
2. Use according to claim 1 wherein the one or more polyisocyanates are selected from the group consisting of substituted or unsubstituted linear aliphatic polyisocyanates with an even number of carbon atoms in the chain between two isocyanate groups, as well as condensed dimer and trimer derivatives such as uretdione, isocyanurate or biuret trimers, and substituted or unsubstituted arylene, aralkylene, and cyclohexylene polyisocyanates.

3. Use according to claim 1 or 2 wherein the one or more optically active amino acid acids and/or esters thereof of formula (I) are selected from the group of compounds consisting of:

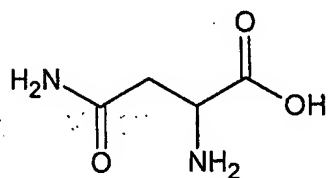




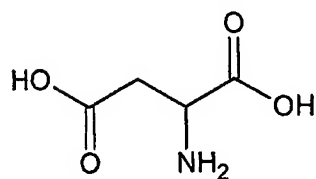
amino butyric acid (Abu),



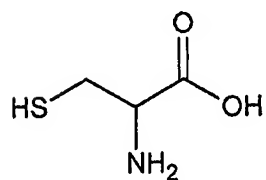
arginine (Arg),



asparagines (Asn),

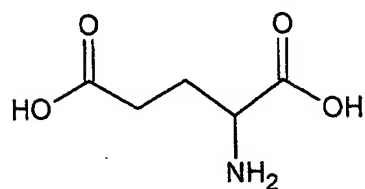


aspartic acid (Asp),

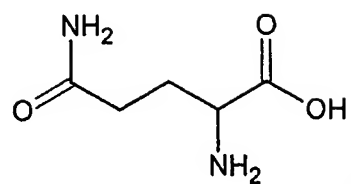


cysteine (Cys),

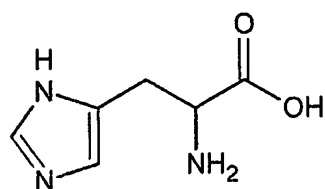
5



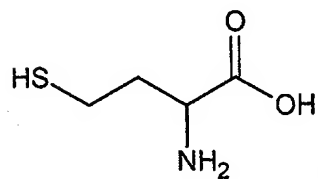
glutamic acid (Glu),



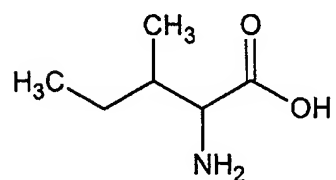
glutamine (Gln),



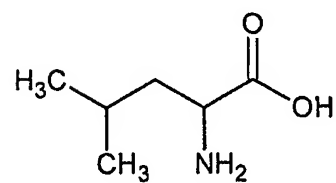
histidine (His),



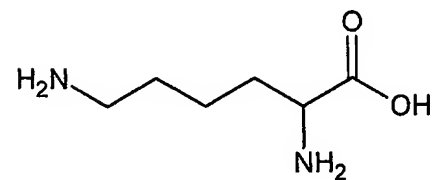
homocysteine (Hcy),



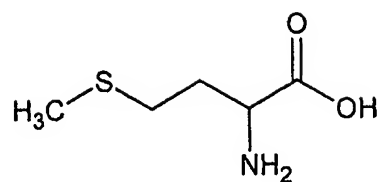
isoleucine (Ile),



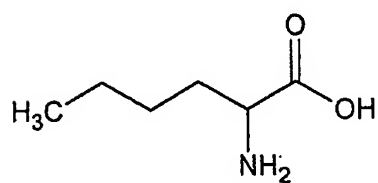
leucine (Leu),



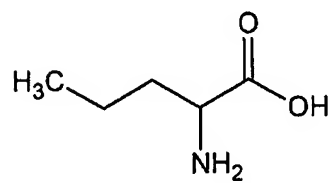
lysine (Lys),



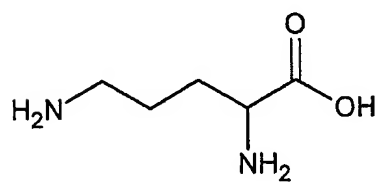
methionine (Met),



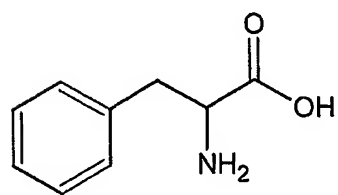
norleucine (Nle)



norvaline (Nva),

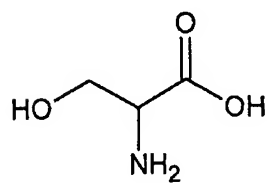


ornithine (Orn),

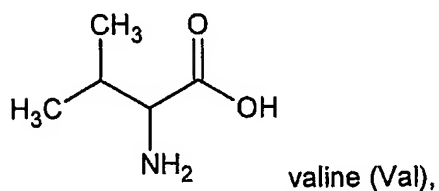
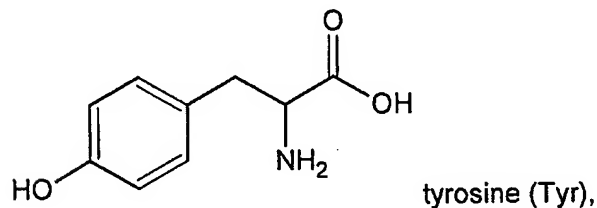
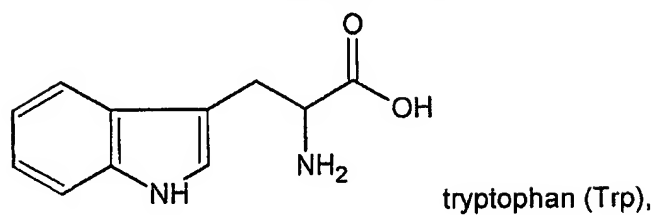
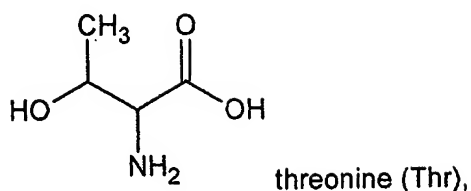


phenylalanine (Phe),

5



serine (Ser),



5 ester derivatives and salts thereof.

4. Use according to any one of claims 1-3 wherein if R₁ and/or R₂ is a hydrocarbyl independently selected from the group consisting of linear, cyclic or branched, substituted or unsubstituted, saturated or unsaturated, optionally hetero atom-containing, C₁-C₂₄ alkyl, aryl, aralkyl, and alkenyl, preferably the group
- 10 consisting of linear or branched C₁-C₂₄ alkyl, more preferably from the group consisting of linear or branched C₁-C₄ alkyl, and most preferably the hydrocarbyl is a methyl or ethyl group.

5. Use according to any one of claims 1-4 wherein if R₃ is a hydrocarbyl, the hydrocarbyl is selected from the group consisting of linear, cyclic or branched, substituted or unsubstituted, saturated or unsaturated, optionally hetero atom-containing C₁-C₂₅ alkyl, aryl, aralkyl, and alkenyl, more preferably R₃ is selected
5 from the group consisting of linear or branched, substituted or unsubstituted, optionally hetero atom-containing C₁-C₂₅ alkyl, even more preferably from the group consisting of linear or branched, substituted or unsubstituted C₁-C₈ alkyl, ether and/or, optionally esterified, C₁-C₈ (poly)alkoxy, and most preferably from the group consisting of linear C₁-C₄ alkyl and, optionally alkoxylated, linear C₁-
10 C₄ alkoxy.
6. Use according to any one of claims 1-5 wherein the coating composition is an isocyanate based coating composition.
- 15 7. Use according to any one of claims 1-5 wherein the coating composition is an acryloyl based coating composition.
8. Use according to any one of claims 1-5 wherein the coating composition is an epoxy curable coating composition.
20
9. Use according to any one of claims 1-5 wherein the coating composition is a dual curable coating composition.
10. Use according to any one of claims 1-5 wherein the coating composition is a
25 isocyanate-reactive two-component (2K) coating system that is cured with one or more polyol compounds, thiol compounds and/or amine-functional

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compounds, at a temperature of at least 25°C and below 150°C, preferably below 100°C.

11. Use according to any one of claims 1-10 further including the step of applying a coating film of the coating composition onto a substrate before said coating film is cured.
12. Coating compositions comprising a binder and the rheology modification agent according to any one of claims 1 – 11.
13. Coating compositions that are obtainable by using a rheology modification agent in accordance with any one of claims 1-11.